

INDUSTRIAL VENDING SOLUTIONS VLM



- **Increase picking productivity by 20-40%**
- **Increase Security and Employee Accountability**
- **Recover 30-80% of your floor space!**
- **Equipped with an intuitive 19" touch display!**

Common Applications:

Large Tools, Dies, Fixtures, Jigs, V-Flange Holders, Fasteners, Small Parts Containers, Maintenance and Repair Items, Spare Parts, Slow-Moving Items, Raw Materials, Finished Goods, Direct Materials, and More!

Reclaim Floor Space for Value-Added Activities

Every industry with high-volumes of parts, components, or tools understands floor space is premium real estate. The AutoCrib® VLM is designed to optimize your facility's layout by taking advantage of unused overhead space. Items are automatically retrieved and delivered to the ergonomically positioned access window for the user.

The result: You get the maximum utilization of floor space with minimal labor required for retrieval. See a sustainable 20-40% increase in picking productivity and up to an 80% increase in reclaimed floor space.

The VLM is easy to implement, practical, affordable, built on proven technology, and will provide years of trouble-free service.

Key Benefits:

- Reclaim Significant Floor Space
- Reduce Labor Costs
- Security and Employee Accountability for Inventory
- Worker Safety – Reduction of Injuries
- Order Picking Accuracy
- Flexibility
- Modular Height
- AutoCrib® Integration
- Easy to Learn and Use
- No Repackaging Required
- Enclosed Inventory Stays Cleaner
- High-resolution 19" (48cm) Touch Display



SPECIFICATIONS

POWER REQUIREMENTS:

- Incoming Power Requirement 208-240 VAC, 3-Phase, 60 HZ, 20 Amp Service Required

DIMENSIONS:

- Machine Footprint: 69" (175cm) X 99" (251cm)
- Machine Height: 12'-6" (381cm) to 40' (1219cm) in 6" (15cm) increments
- Standard Models: 18' (548cm), 24' (731cm), and 31' (944cm) tall

STORAGE TRAY DIMENSIONS:

- 56"W (142cm) x 2"H (5cm) x 26.5"D (67cm)
- Load Capacity 460 lbs (208kg)

STORAGE DIMENSIONS:

- Shelf Spacing 4" (10cm) - 28" (71cm), 1" (2cm) center adjustable (standard)
- Special shelf spacing available at 11" (27cm) to 35" (88cm)

PLATFORM MECHANISM:

- Lift Drive Motor 3 HP AC Motor, Electric / Mechanical Brake & High Resolution Encoder
- Speed 150ft (4572cm) per minute (standard) - up to 180ft (5486cm) per minute (maximum)
- Lift Cables (two) 1/4" (0.635cm) Wire Rope, IWRC, load capacity 6,800 lbs (3084kg) each
- Extractor Motor 1/4 HP DC Motor, Dynamic Brake
- Tray Extractor Patented Full-Width Extracting Method

SAFETY FEATURES

- **Tray Overhang Optics** - Stops platform motion if tray / product is detected in the path of travel.
- **Shelf Occupancy** - Confirms empty shelf location before inserting tray into assigned location.
- **Product Over Height Protection** - Senses for products too high for assigned tray, before vertical movement.
- **Optical Safety Curtain** - Monitors entrance into workstation for obstructions during movement.
- **Slack Cable Switch** - Senses for slack platform cables during movement.
- **Side Service Door Interlock** - Monitors side service door for opening while the system is in operation.
- **Lockout Tag and Disconnect** - Disconnect handle can be locked out for system service.
- **Emergency Stop Pushbutton**

US TOOLGROUP®

2000 Progress Drive
Farmington, MO 63640